



Courtesy: Alan Smithies

Optimising Site Capacity

16/03/2022

- **Optimising site capacity: A design led approach LPG** – This guidance is one of four new pieces of London Plan Guidance by the GLA, which they are consulting on [here](#). In this LPG they set out a five-stage process for implementing the design-led approach to plan-making. For residential sites, this process also includes working out the indicative site capacity of specific sites using the site parameters set by the boroughs during the process. The [Indicative Site Capacity Toolkit](#) included in the guidance can help support both quality and policy compliance.
- **Indicative Site Capacity Toolkit** – This digital toolkit allows users to model the massing of development using 3d residential building types SketchUp files and an excel indicative site capacity calculator. However, alternative software and modelling can be used as capacity tools providing they are robust.
- **The issue around resources isn't just people and time, it's also resources in terms of access to the right software and training.** Sketch-up is a very easy, intuitive, and quick software, which can generate options for sites. The first step in setting up a drawing, for local authorities that don't already have a 3D model, is to use Ordnance Survey Base Tiles, which you can find at the [UK Grid Reference Finder](#) or [Ordnance Survey Maps](#). Using the street view in Google Streets Maps you can estimate the building heights for the surrounding area and populate your model. To get accurate shadows you can also geolocate your model.



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Speakers:

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Attendees: 58